

IN THE CLAIMS

Claims 1-10 (Cancelled).

11. (Currently amended) A fixture shaped and configured to be screwed firmly into
2 bone tissue, said fixture comprising:
a generally cylindrical anchoring portion formed with an insertion end and having an
4 external screw thread, a cavity which opens out at said insertion end, and ~~three~~ a plurality of
through-penetrating slots extending from said insertion end, wherein each said slot connects the
6 cavity with the outside of said anchoring portion and wherein each said slot is defined by a
leading slot wall surface facing each said slot and a trailing slot wall surface facing each said
8 slot, where said leading and trailing slot ~~walls~~ wall surfaces relate to the direction of rotation
defined by said screw thread when screwing in the fixture, such that said leading slot wall
10 surface is the one that is ahead of each said slot and said trailing slot wall surface is behind each
said slot in said direction of rotation, wherein at least the radially outermost part of said trailing
12 slot wall surface defines a cutting edge at an angle α with the radial direction and slopes
obliquely forwardly from within and outwardly in said direction of rotation, whereby the cutting
14 edge formed between said trailing slot wall surface and the outside of said anchoring portion
define an acute angle, the angle α being 20°-40° at the radially outer end of the trailing slot wall.

12. (Currently Amended) The fixture according to claim 11, wherein the whole of the
2 trailing slot wall surface defines the same angle α .

13. (Currently Amended) The fixture according to claim 12, wherein said leading
2 slot wall surface also slopes obliquely forward from within and outward in said direction of
rotation.

14. (Currently Amended) The fixture according to claim 13, wherein said leading
2 and trailing slot ~~walls~~ wall surface are parallel with one another.

15. (Cancelled)

16. (Currently Amended) The fixture according to claim 12, wherein the angle α is
2 20°-40° at the radially outer end of the trailing slot wall surface.

17. (Currently Amended) The fixture according to claim 13, wherein the angle α is
2 20°-40° at the radially outer end of the trailing slot wall surface.

18. (Currently Amended) The fixture according to claim 14, wherein the angle α is
2 20°-40° at the radially outer end of the trailing slot wall surface.

19. (Currently Amended) The fixture according to claim 11, wherein the angle α is
2 27°-33° at the radially outer end of the trailing slot wall surface.

20. (Currently Amended) The fixture according to claim 12, wherein the angle α is
2 27°-33° at the radially outer end of the trailing slot wall surface.

21. (Cancelled)

22. (Previously presented) The fixture according to claim 12, wherein the slots are 3-
2 10 in number.

23. (Previously presented) The fixture according to claim 15, wherein the slots are 3-
2 10 in number.

24. (Previously presented) The fixture according to claim 11, wherein the slots are 5-
2 7 in number.

25. (Previously presented) The fixture according to claim 12, wherein the slots are 5-
2 7 in number.

26. (Previously presented) The fixture according to claim 15, wherein the slots are 5-
2 7 in number.

27. (Previously presented) The fixture according to claim 11, wherein the cavity is
2 circular in cross-section and widens conically in a direction toward said insertion end.

28. (Previously presented) The fixture according to claim 12, wherein the cavity is
2 circular in cross-section and widens conically in a direction toward said insertion end.

29. (Previously presented) The fixture according to claim 13, wherein the cavity is
2 circular in cross-section and widens conically in a direction toward said insertion end.

30. (Previously presented) The fixture according to claim 11, wherein the slot width
2 at the radially outer end of said slot corresponds to 15-35% of the peripheral distance between
two slots on the outside of the fixture.

31. (Previously presented) The fixture according to claim 12, wherein the slot width
2 at the radially outer end of said slot corresponds to 15-35% of the peripheral distance between
two slots on the outside of the fixture.

32. (Previously presented) The fixture according to claim 13, wherein the slot width
2 at the radially outer end of said slot corresponds to 15-35% of the peripheral distance between
two slots on the outside of the fixture.

33. (Previously presented) The fixture according to claim 27, wherein the slot width
2 at the radially outer end of said slot corresponds to 15-35% of the peripheral distance between
two slots on the outside of the fixture.

34. (Previously presented) The fixture according to claim 11, wherein that the fixture
2 is made of titanium.

35. (Cancelled)

36. (New) The fixture according to claim 11, wherein the angle α is 20°- 40° at the
2 radially outer end of the trailing slot wall surface.